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PTO/SB/21 (04-04)

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/594,044 ✓
	Filing Date	Sep. 25, 2006
	First Named Inventor	Tomonori Nakamura
	Art Unit	2811
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	1217-062553

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Documents <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below)
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Kent E. Baldauf The Webb Law Firm
Signature	
Date	June 20, 2007

CERTIFICATE OF TRANSMISSION/MAILING

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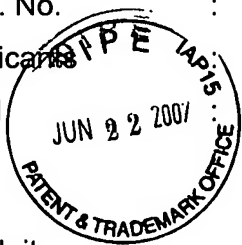
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Appl. No. 10/594,044
IDS dated June 20, 2007
Attorney Docket No. 1217-062553

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/594,044 Confirmation No. 8970
Applicant : Tomonori NAKAMURA et al.
Filed : September 25, 2006
Title : Process for Producing Schottky Junction Type Semiconductor Device
Art Unit : 2811
Examiner :
Customer No. : 28289



INFORMATION DISCLOSURE STATEMENT
TRANSMITTED BEFORE MAILING OF FIRST OFFICE ACTION

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby submit this Information Disclosure Statement together with a completed Form PTO/SB/08.

Reference No. JP 2000-188406, the Bhatnager et al. IEEE article, and the Singh et al. IEEE article are cited in the specification.

The Weiss et al. Applied Surface Science article and the Syrkin et al. Materials Science article are cited in a Japanese Office Action dated September 28, 2006, in a counterpart Japanese application. A copy of the Office Action is enclosed. JP 2000-164528 and JP 2004-221513 were cited in an earlier Japanese Office Action which issued in the counterpart Japanese application.

This application is the United States national phase of PCT Application No. PCT/JP2005/005530 The International Search Report dated June 28, 2005, for the

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Diane Paull
(Name of Person Mailing Document)

Diane Paull
Signature

06/20/2007
Date

(W0327319.1)

underlying PCT application identified the remaining references listed on Form PTO/SB/08. The degree of relevance for the non-English language references is indicated in the International Search Report. A copy of the International Search Report is enclosed for the Examiner's convenience.

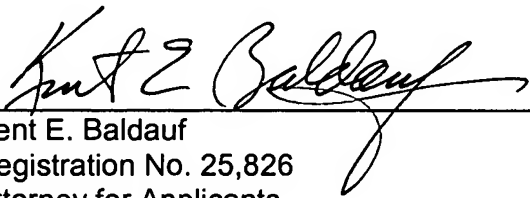
Copies of all the references are enclosed.

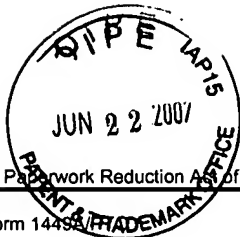
No fee is believed to be due for the filing of this Information Disclosure Statement as it is being submitted before a first Office Action on the merits. Nevertheless, the Commissioner for Patents is hereby authorized to charge any additional fees which may be required to Deposit Account No. 23-0650.

This Information Disclosure Statement is submitted in duplicate.

Respectfully submitted,
THE WEBB LAW FIRM

By


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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/594,044
				Filing Date	Sep. 25, 2006
				First Named Inventor	Tomonori NAKAMURA
				Art Unit	2811
Sheet	1	of	2	Examiner Name	
				Attorney Docket Number	1217-062553

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-			
		US-			
		US-			
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
		JP(2000)	2000-188406	A	07-04-2000	Fuji Electric Co. Ltd.	English Abstract attached	
		JP(2000)	2000-164528	A	06-16-2000	Sanyo Electric Co. Ltd.	English Abstract attached	
		JP(2004)	2004-221513	A	08-05-2004	Rohm Co., Ltd.	English Abstract attached	
		JP(2003)	2003-258271	A	09-12-2003	Shindengen Electric Mfg.	English Abstract attached	
		JP(2003)	2003-068760	A	03-07-2003	Denso Corp.	English Abstract attached	
		JP(1994)	6-84967	A	03-25-1994	Nippon Electric Co.	English Abstract attached	
		JP(1993)	5-55552	A	03-05-1993	Hitachi Ltd.	English Abstract attached	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/594,044
				Filing Date	Sep. 25, 2006
				First Named Inventor	Tomonori NAKAMURA
				Art Unit	2811
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	1217-062553

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BHATNAGER, MOHIT et al., "Comparison of 6H-SiC, 3C-SiC, and Si for Power Devices", <i>IEEE Transactions on Electron Devices</i> , Vol. 40, No. 3, March 1993, pp. 645-655	
		SINGH, RANBIR et al., "SiC Power Schottky and PiN Diodes", <i>IEEE Transactions on Electron Devices</i> , Vol. 49, No. 4, April 2002, pp. 665-672	
		WEISS, R. et al., "Tungsten, Nickel, and Molybdenum Schottky Diodes With Different Edge Termination", <i>Applied Surface Science</i> , 184 (2001) pp. 413-418	
		SYRKIN, A.L. et al., "Surface Barrier Height in Metal-SiC Structures of 6H, 4H and 3C Polytypes", <i>Materials Science & Engineering B</i> , B46 (1997), pp. 236-239	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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